

In-Plane Emission (FDTD Simulation)

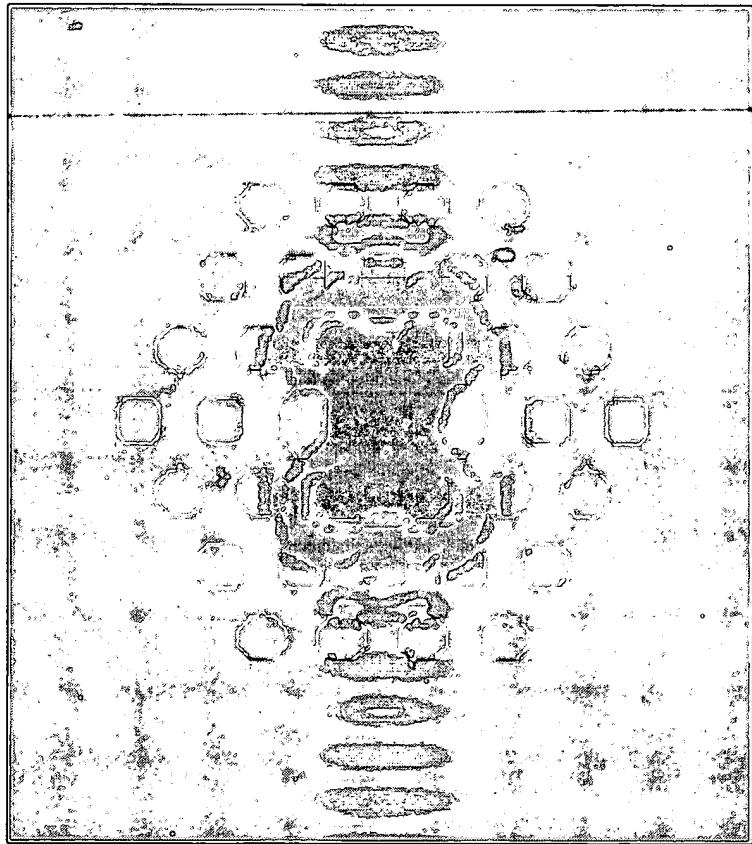


FIG. 1A

Vertical Emission (cut through slab)

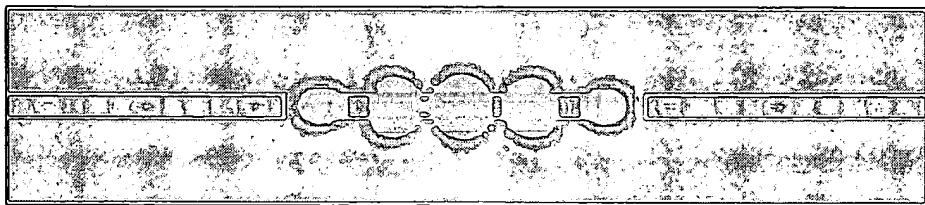


FIG. 1B

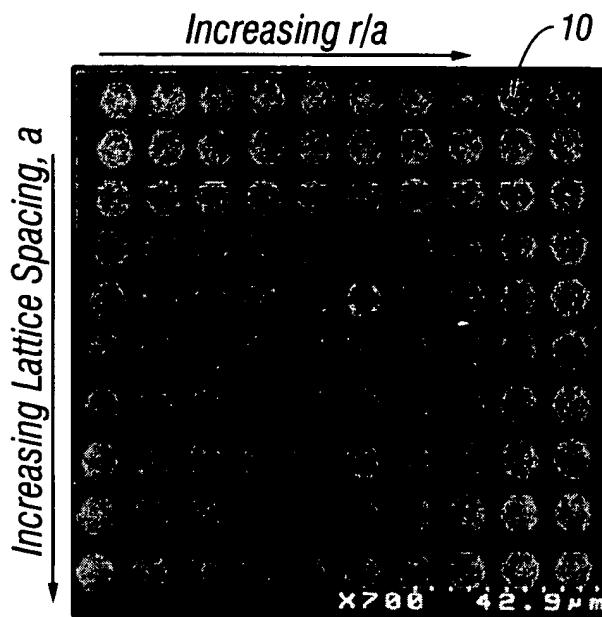


FIG. 2B

FIG. 2A

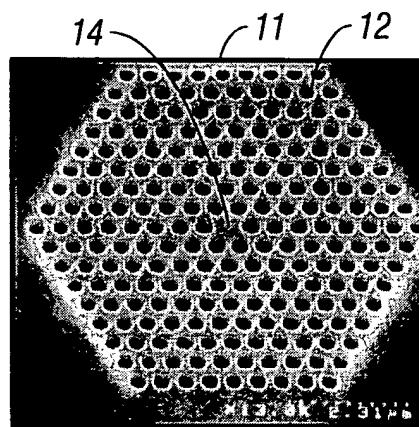


FIG. 2B

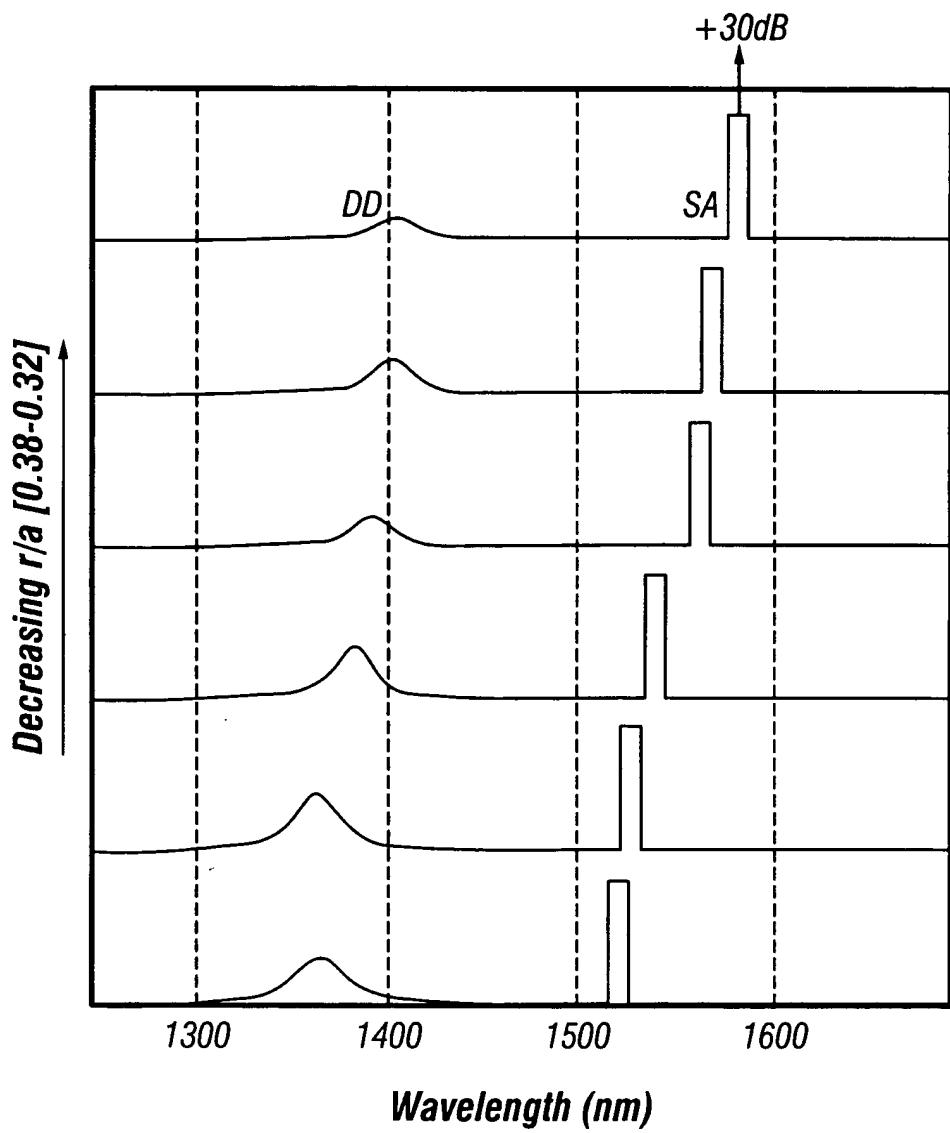


FIG. 3



FIG. 4A

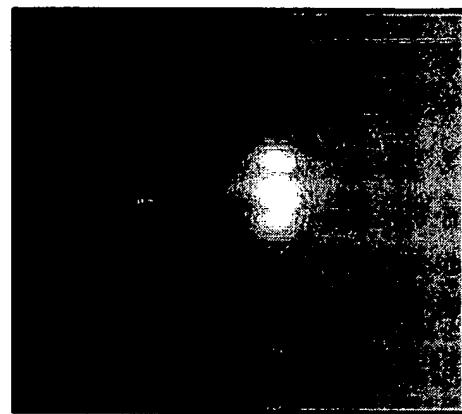


FIG. 4B

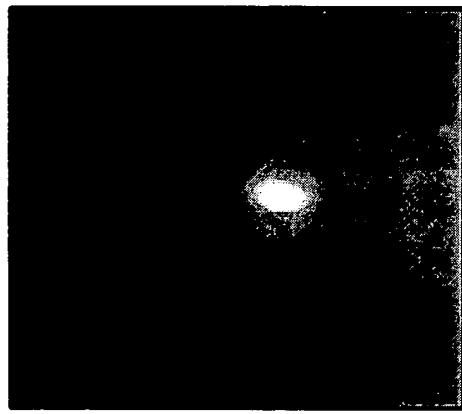


FIG. 4C

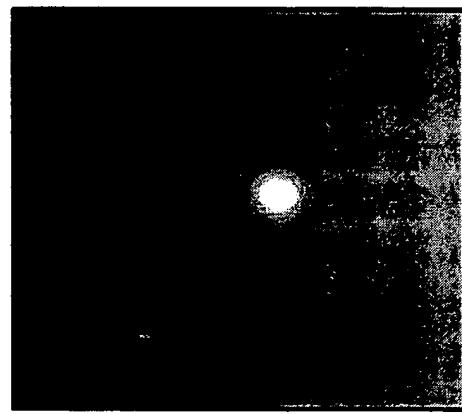


FIG. 4D

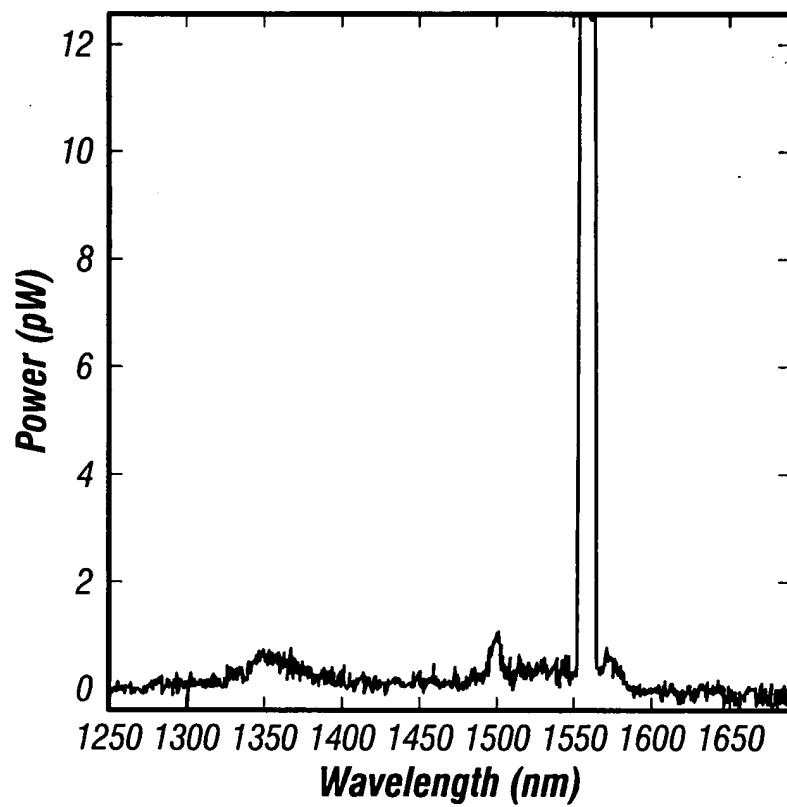


FIG. 5A

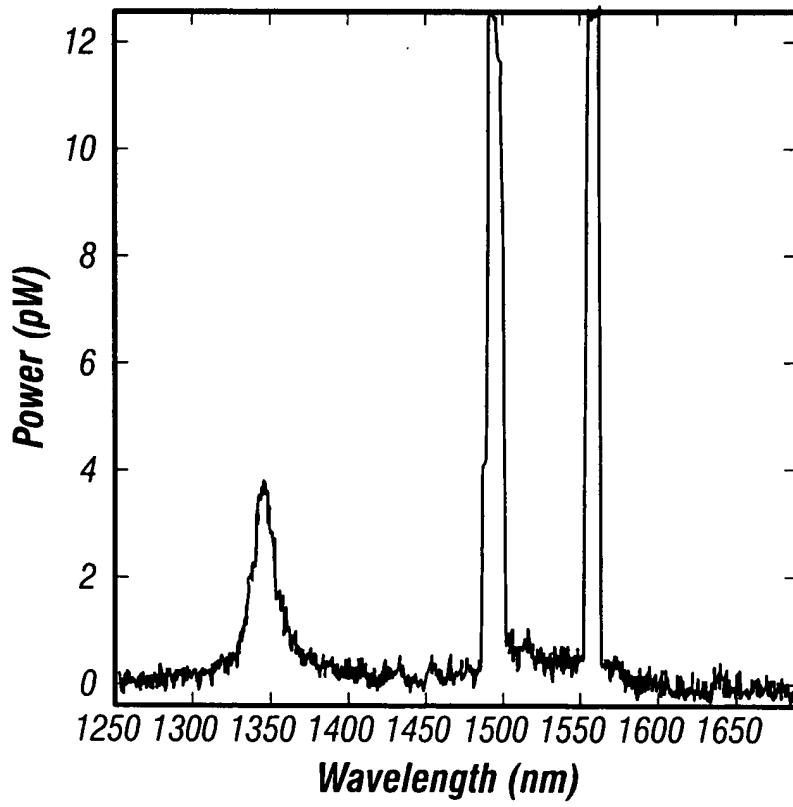


FIG. 5B

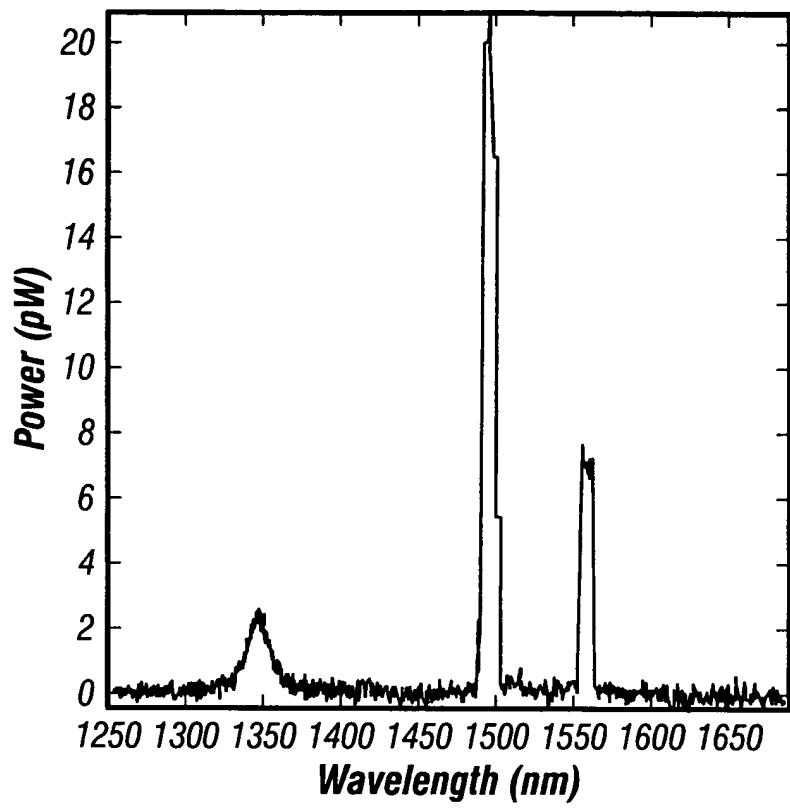


FIG. 5C

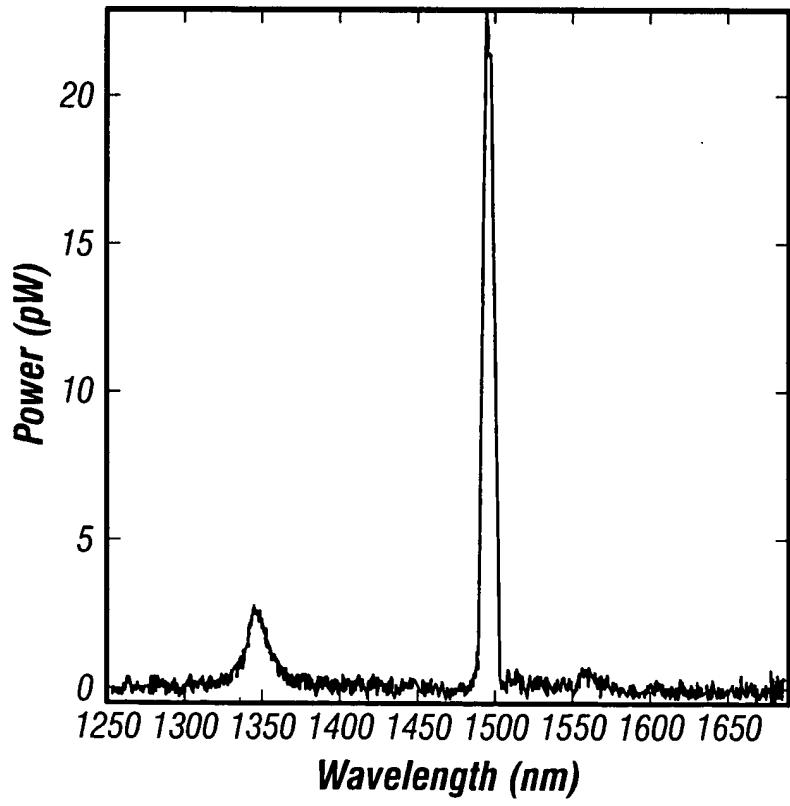


FIG. 5D

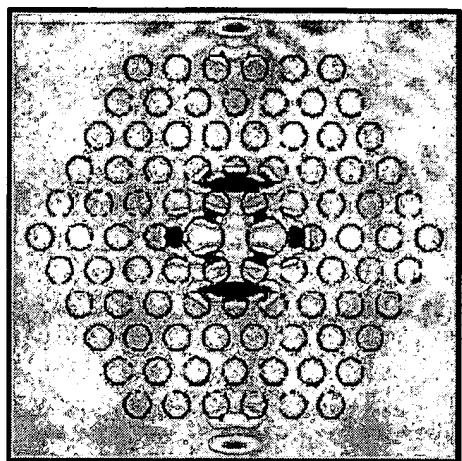


FIG. 6A

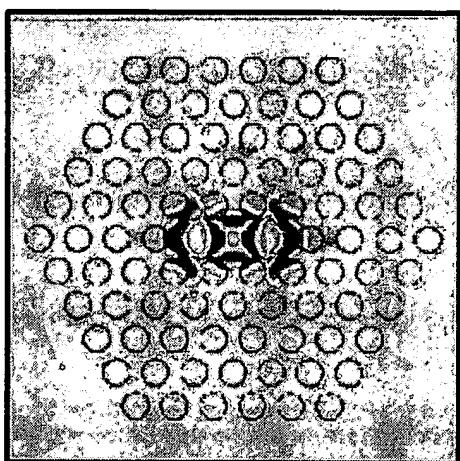


FIG. 6B

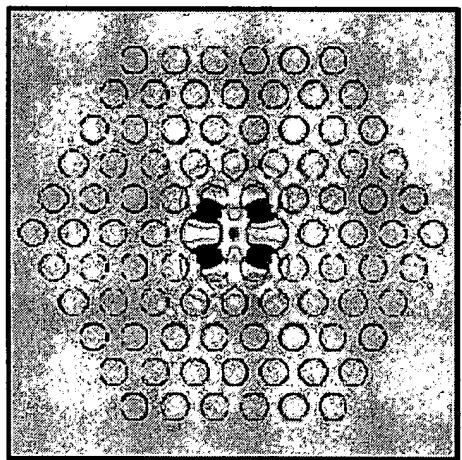


FIG. 6C

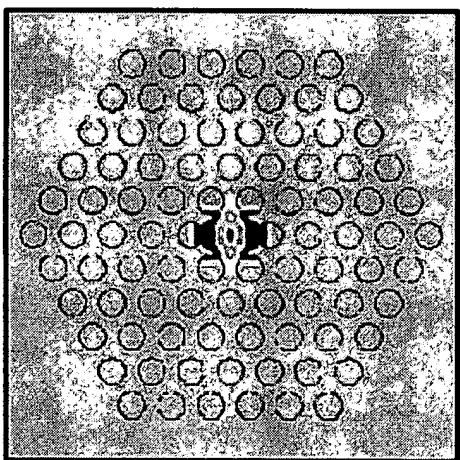


FIG. 6D

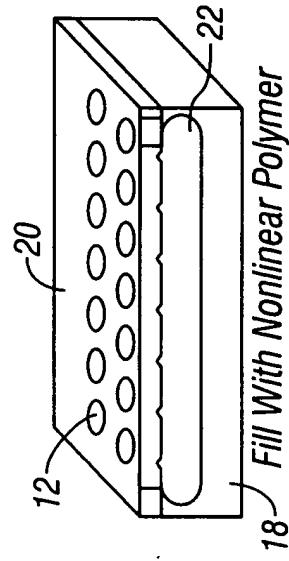


FIG. 7A
Planar PBG Membrane

FIG. 7B

Fill With Nonlinear Polymer

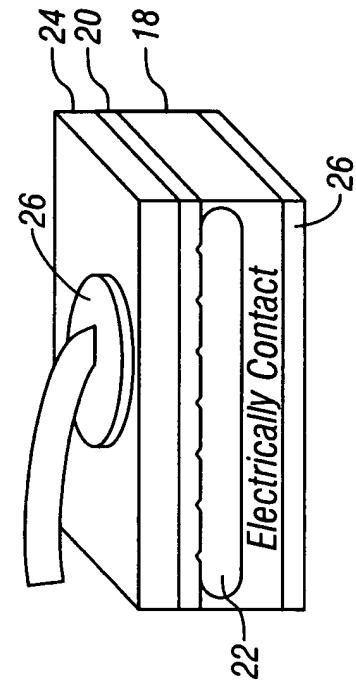


FIG. 7D
Electrically Contact

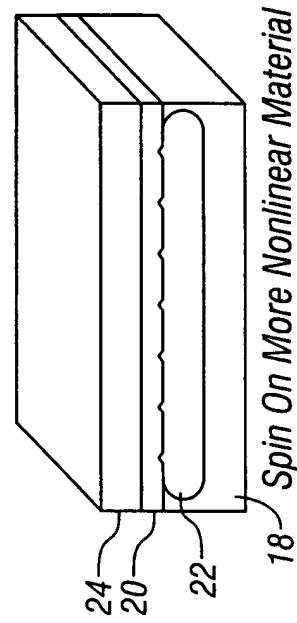


FIG. 7C
Spin On More Nonlinear Material

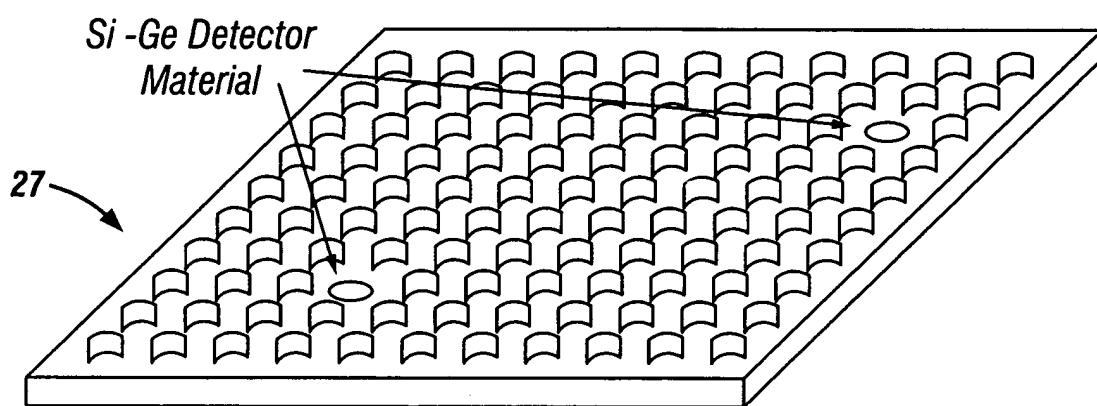


FIG. 8

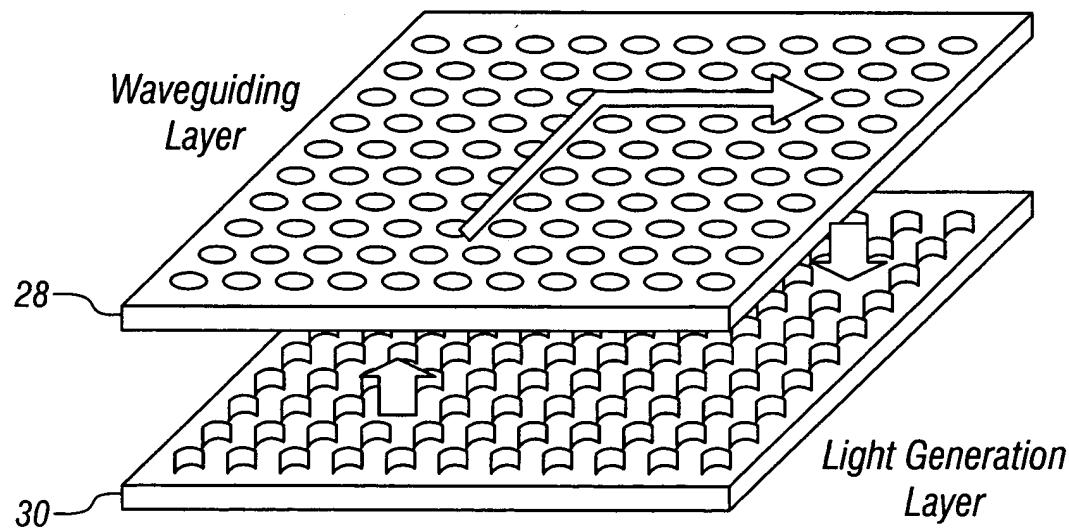


FIG. 9